

Application No.: 10/630,562
Response dated August 6, 2007
Reply to Office Action of May 7, 2007
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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the subject application, and please amend the claims as follows:

Claim 1. (Previously presented): A stent/graft composite device formed from a flat preformed planar strip and stent assembly comprising:

an elongate preformed non-textile planar strip of polymeric graft material having a first exterior surface and a second opposed luminal surface; and

a planar stent attached onto one of said opposed flat exterior or luminal surfaces of said strip to form said flat strip assembly, said strip assembly being helically wound into a continuous tubular structure.

Claim 2. (Withdrawn): The device of claim 1 wherein successive helical windings creates an overlap defining a seam between the exterior surface of a first helical wind and the luminal surface of a subsequent helical wind.

Claim 3. (Original): The device of claim 1 wherein successive helical windings do not overlap.

Claim 4. (Withdrawn): The device of claim 1 further comprising a second elongate preformed planar strip of graft material, wherein said stent assembly is positioned between the two planar graft strips.

Claim 5. (Withdrawn): The device of claim 4 wherein said planar graft strips are laminated together to form said strip assembly.

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Claim 6. (Original): The device of claim 1 wherein said polymeric graft material is selected from the group consisting of fluoropolymers, polyurethanes, silicones and mixtures thereof.

Claim 7. (Original): The device of claim 1 wherein said polymeric graft material comprises ePTFE.

Claim 8. (Original): The device of claim 1 wherein said tubular structure has a generally circular cross-section.

Claim 9. (Withdrawn): The device of claim 1 wherein said planar stent comprises a plurality of stent wires.

Claim 10. (Withdrawn): The device of claim 1 wherein said planar stent comprises a plurality of linked stent wires.

Claim 11. (Withdrawn): The device of claim 1 wherein said planar stent is comprised of nitinol.

Claim 12. (Original): The device of claim 1 wherein said planar stent comprises at least one planar stent wire.

Claim 13. (Original): The device of claim 1 wherein said planar stent comprises at least one planar ribbon stent.